

FIG. 1

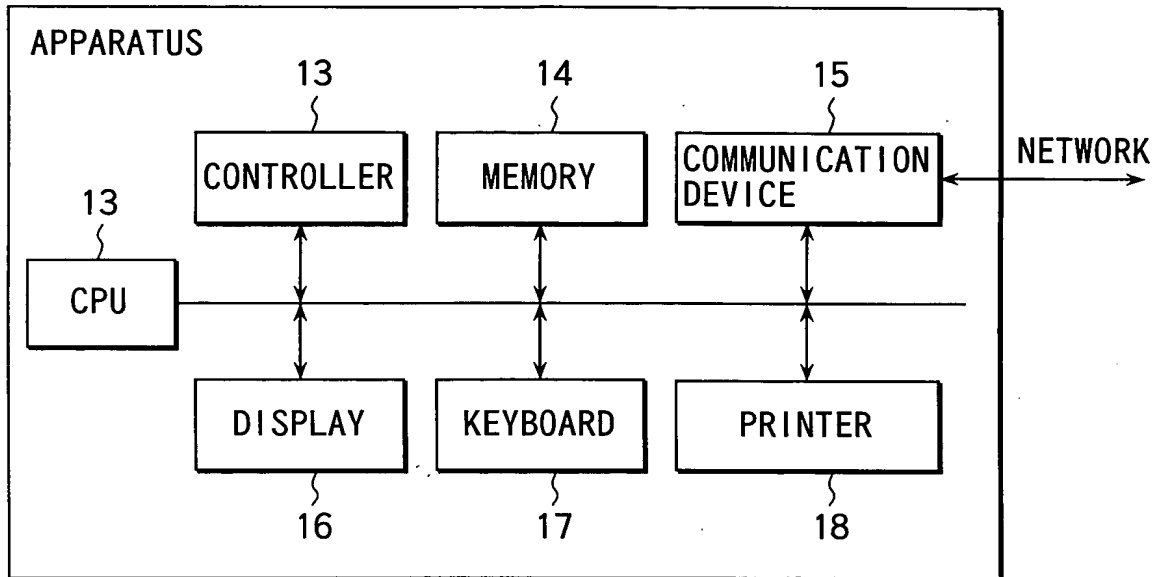


FIG.2

PROCEDURE FOR REGISTERING
KEY RECOVERY AGENT IN
CERTIFICATE AUTHORITY

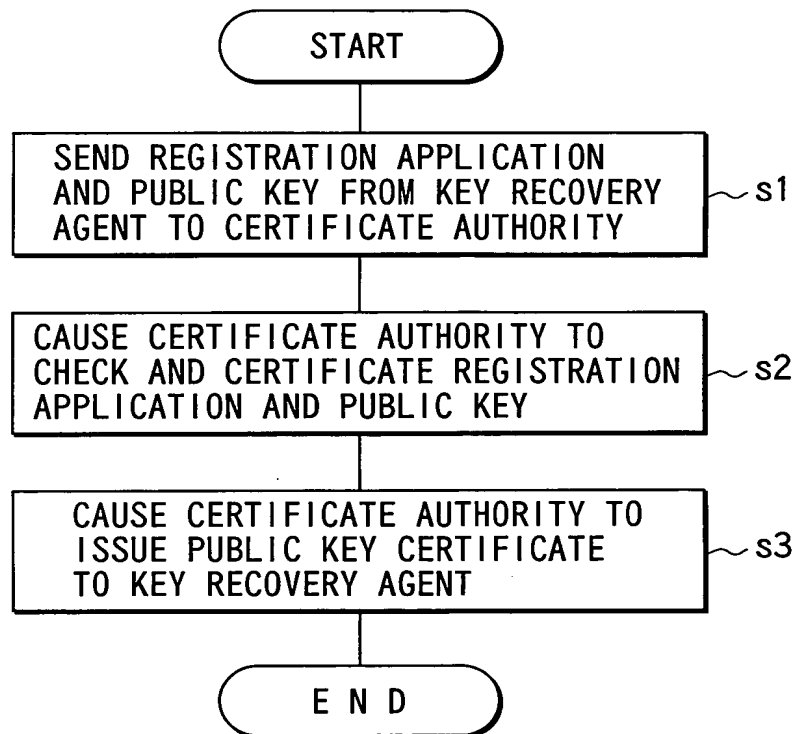


FIG.3

KRA: KEY RECOVERY AGENT
CA : CERTIFICATE AUTHORITY

PROCEDURE FOR ALLOWING
USER TO REGISTER KRA

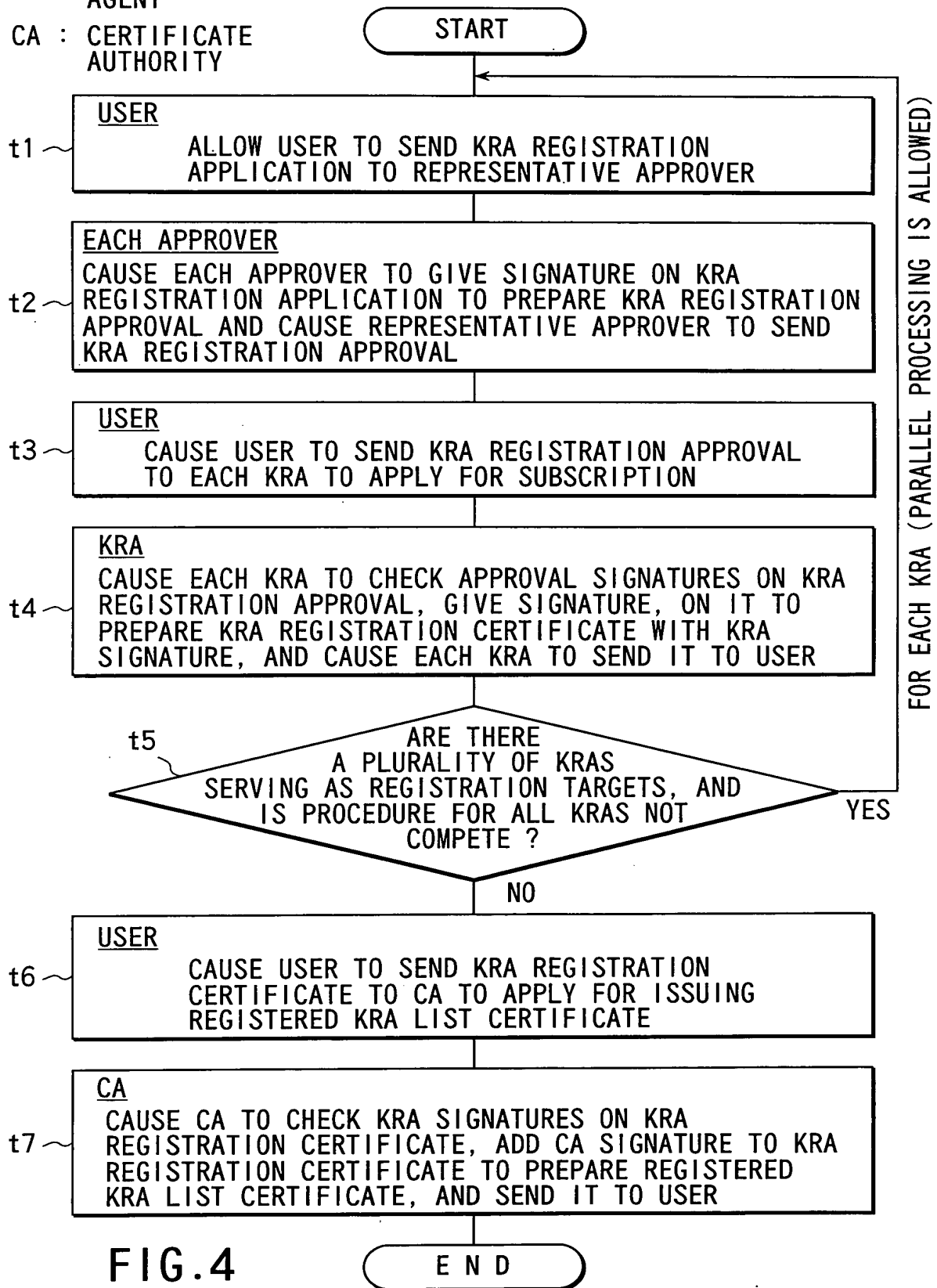


FIG.4

REGISTERED INFORMATION TABLE 21

ID OF USER, APPROVER, AND KEY RECOVERY AGENT	PUBLIC KEY WITH SIGNATURE OF CERTIFICATE AUTHORITY	AGENT LIST REGISTERED BY USER
USER #1 USER #2 APPROVER α APPROVER β AGENT A AGENT B	○○○○ ×××× △△△△ □□□□ **** ▽▽▽▽	A, B, C, B, D, G, H NONE NONE NONE NONE

FIG.5

RECEPTION/TRANSMISSION OF CIPHER MESSAGE

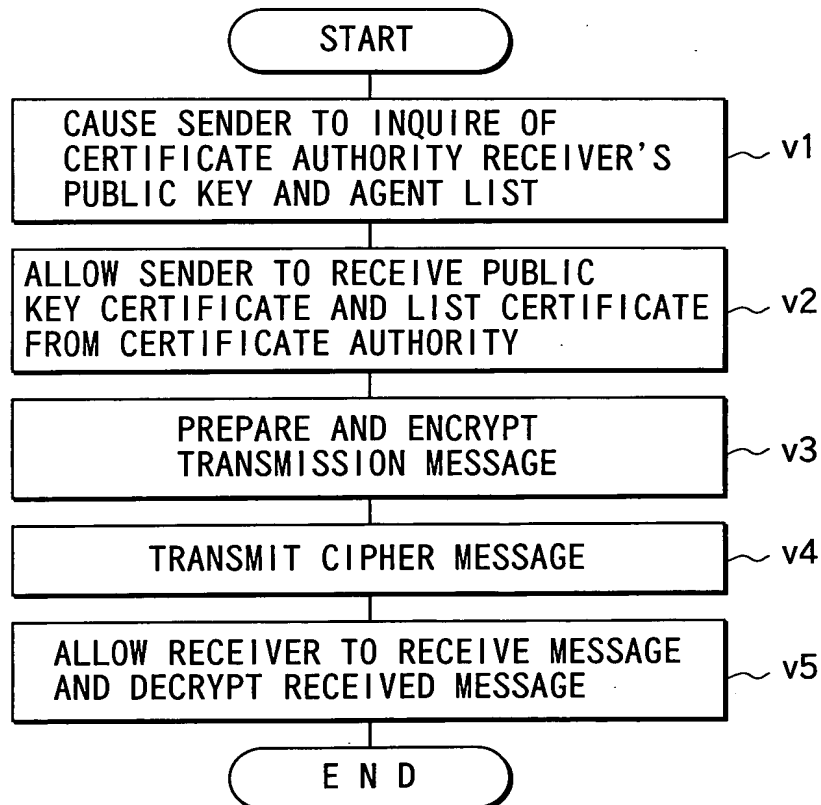
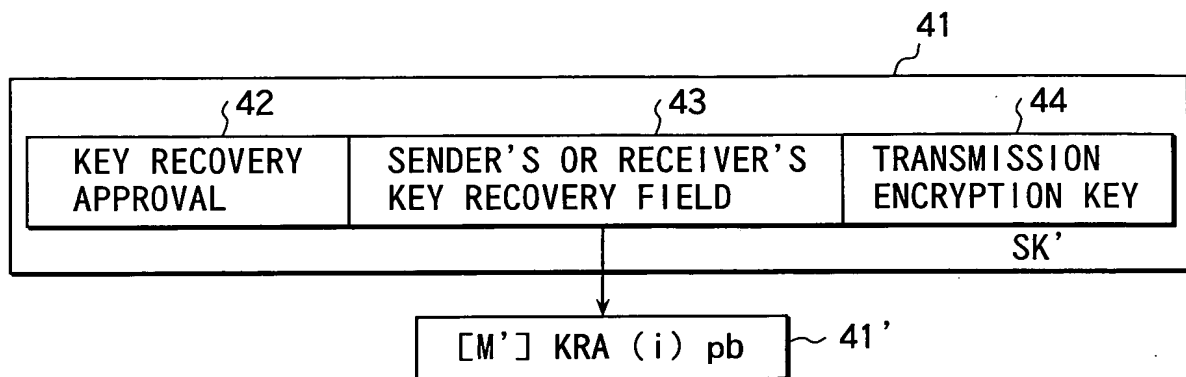
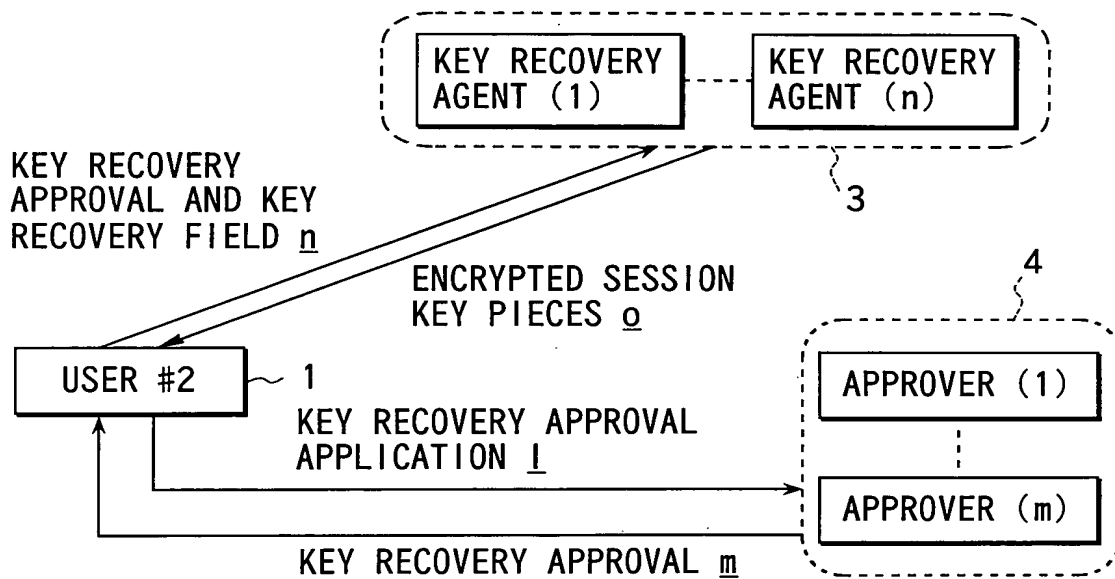
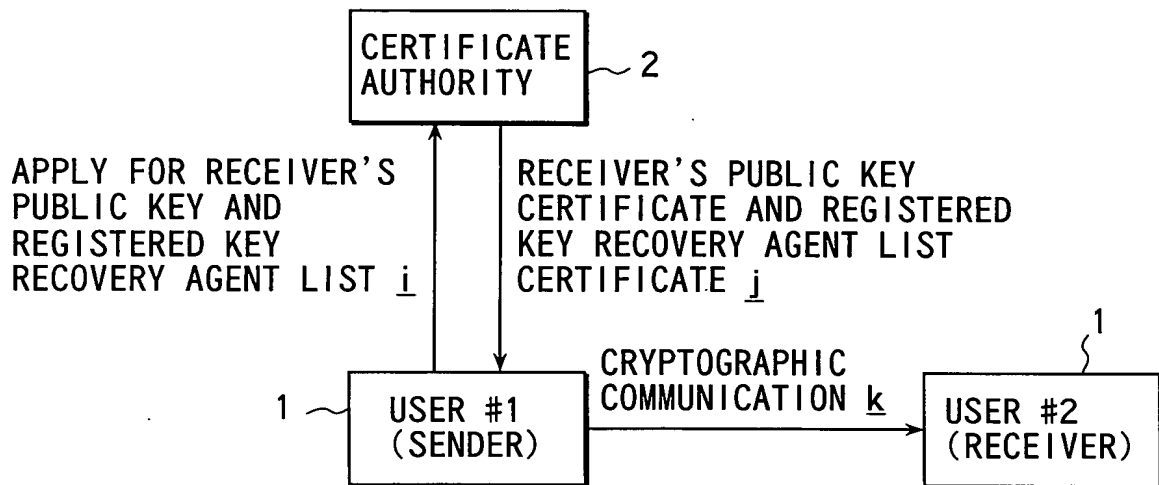
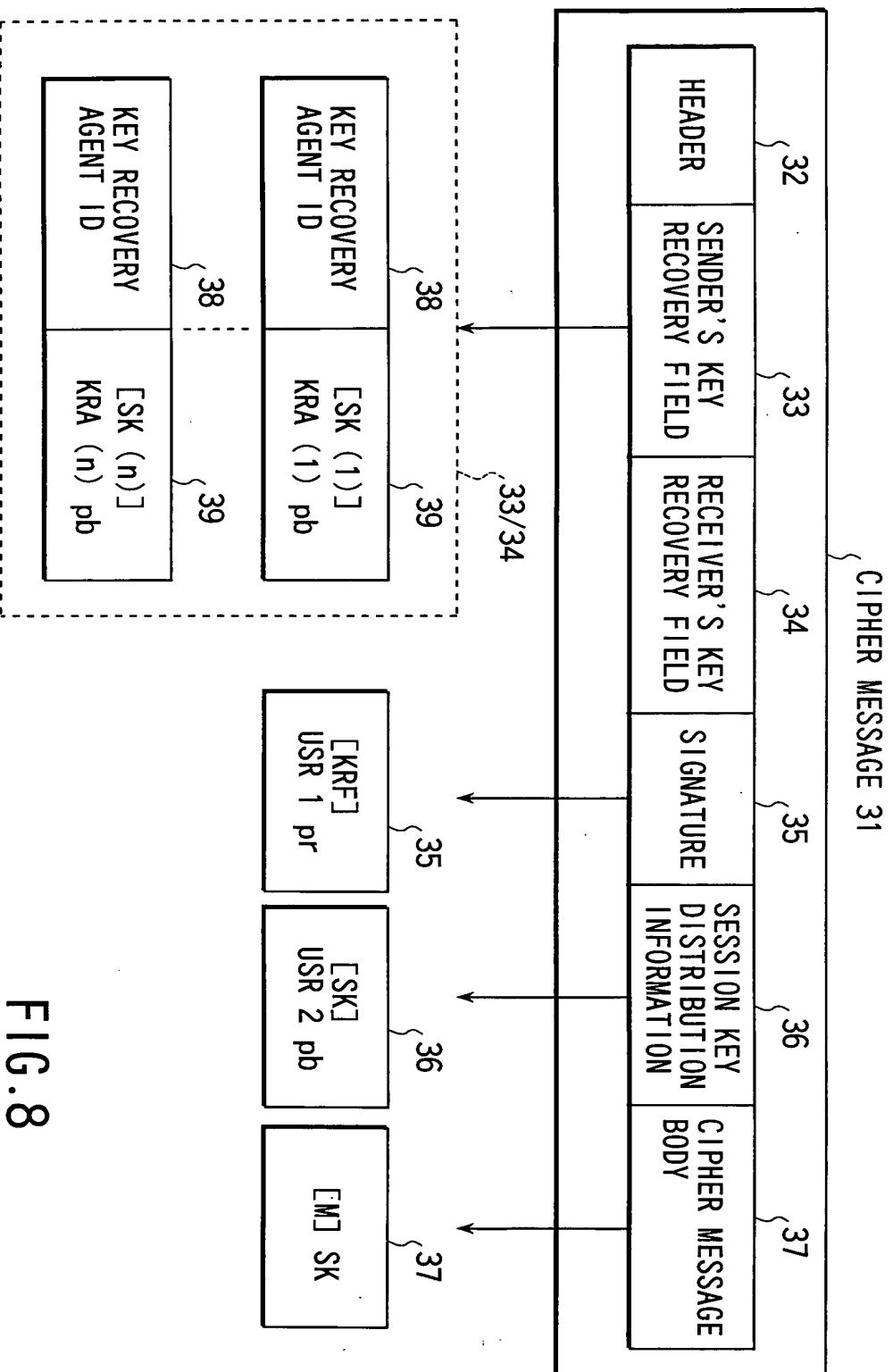


FIG.6





PROCEDURE FOR KEY RECOVERY BY SENDER OR RECEIVER

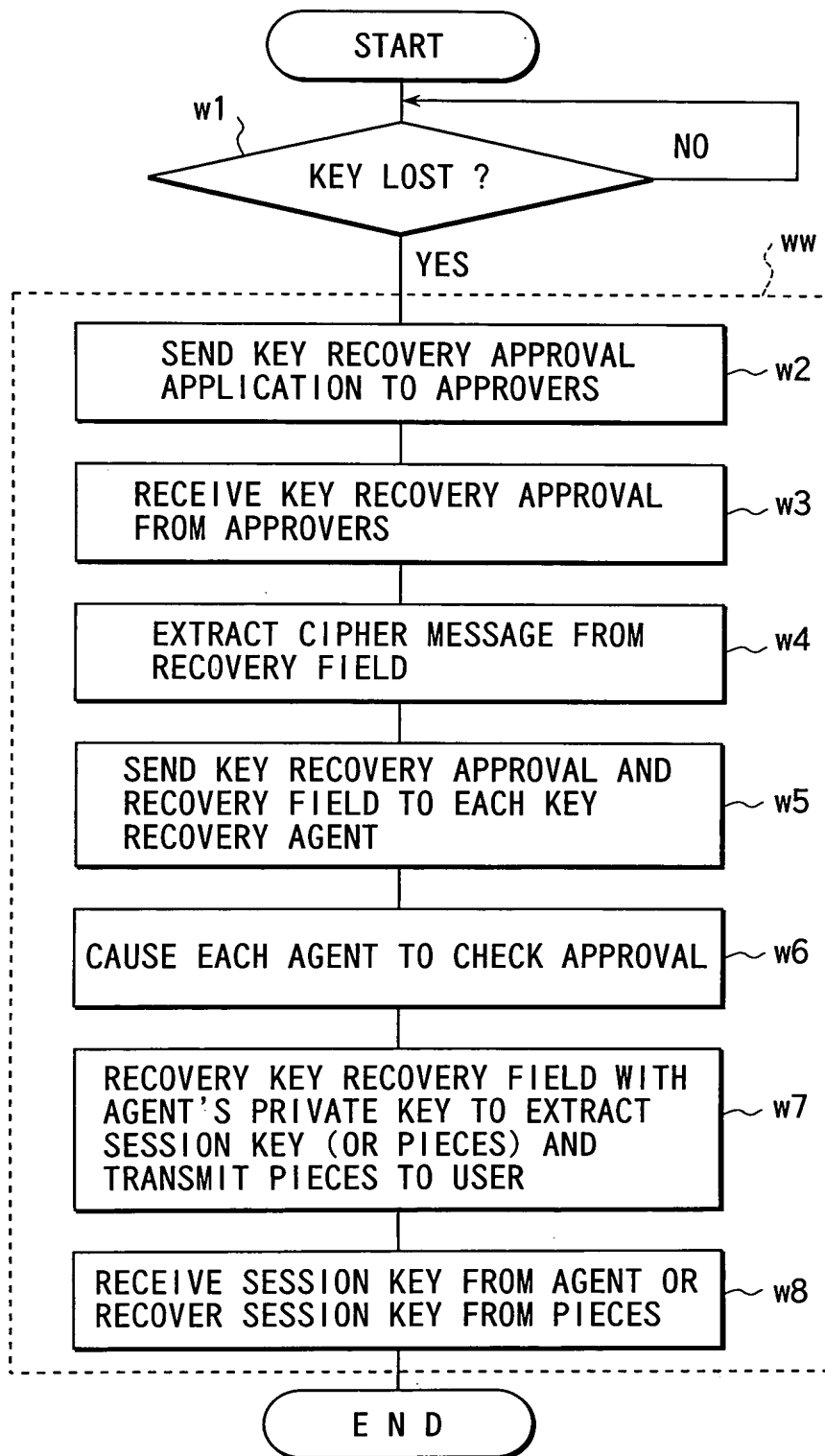


FIG.9

PROCEDURE FOR RECOVERING KEY BY THIRD PARTY

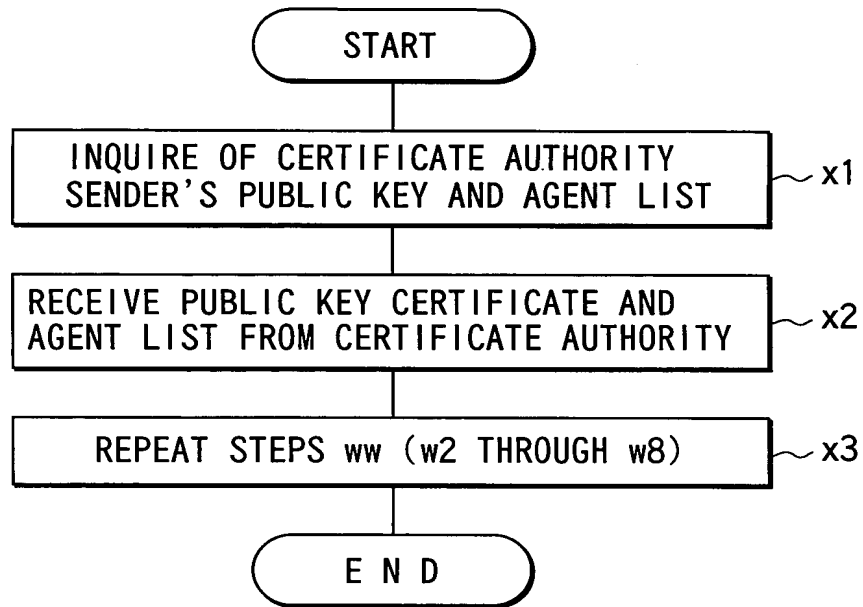


FIG.12

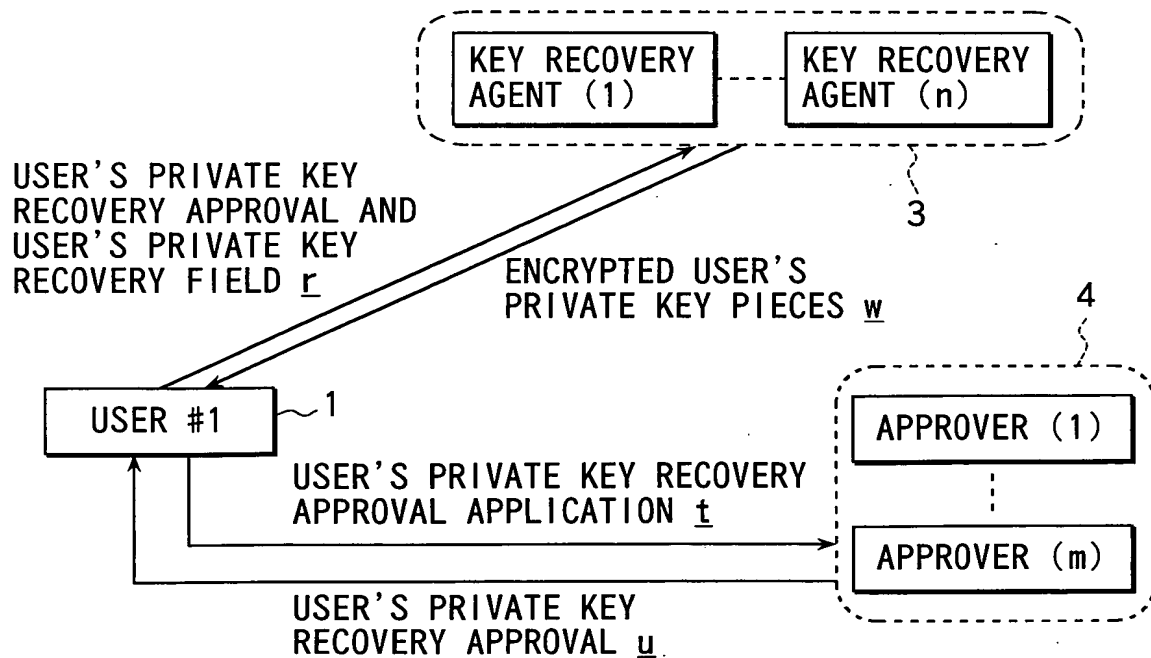


FIG.13